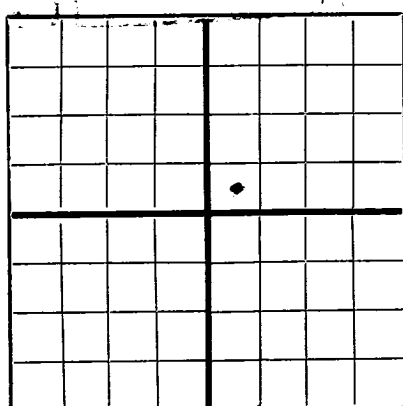


N

AREA 640 ACRES  
LOCATE WELL CORRECTLYNEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico

## WELL RECORD

Mail to Oil Conservation Commission, Santa Fe, New Mexico, or its proper agent not more than twenty days after completion of well. Follow instructions in the Rules and Regulations of the Commission. Indicate questionable data by following it with (?). SUBMIT IN TRIPLICATE. FORM C-110 WILL NOT BE APPROVED UNTIL FORM C-105 IS PROPERLY FILLED OUT.

**Buffalo Oil Company** Box 517, Artesia, New Mexico  
Company or Operator Address  
**M. E. Balish** Well No. **A-17-X** in **SWINE** of Sec. **21**, T. **17S**  
Lease  
R. **32E**, N. M. P. M., **Balish** Field, **Lee** County.  
Well is **2310** feet south of the North line and **2310** feet west of the East line of **Sec. 21, T. 17S, R. 32E**.  
If State land the oil and gas lease is No. Assignment No.  
If patented land the owner is Address  
If Government land the permittee is **M. E. Balish** Address  
The Lessee is **Buffalo Oil Company** Address **Dallas, Texas**  
Drilling commenced **Feb. 7** 19 **48** Drilling was completed **March 13** 19 **48**  
Name of drilling contractor **Carper Drilling Company** Address **Artesia, New Mexico**  
Elevation above sea level at top of casing **4054** feet.  
The information given is to be kept confidential until 19

## OIL SANDS OR ZONES

No. 1, from **2358** to **2375** No. 4, from to  
No. 2, from **2462** to **2469 G** No. 5, from to  
No. 3, from to No. 6, from to

## IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from to feet.  
No. 2, from to feet.  
No. 3, from to feet.  
No. 4, from to feet.

## CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORATED		PURPOSE
							FROM	TO	
<b>7 OD</b>	<b>20</b>	<b>8 rd</b>	<b>H &amp; J</b>	<b>2317</b>	<b>Float</b>	<b>None</b>	<b>None</b>		<b>Oil</b>
<b>10-3/4 OD</b>	<b>40</b>	<b>8</b>	<b>H</b>	<b>64</b>	<b>Regular</b>	<b>None</b>	<b>None</b>		<b>Surface</b>

## MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
	<b>7 OD</b>	<b>2302</b>	<b>175</b>	<b>Pump</b>		<b>15 sacks Aquagel</b>
	<b>10-3/4 OD</b>	<b>69</b>	<b>50</b>	<b>Pump</b>		

## PLUGS AND ADAPTERS

Heaving plug—Material **None** Length Depth Set  
Adapters — Material Size

## RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT
<b>3 1/2</b>	<b>Tin</b>	<b>Nitroglycerin</b>	<b>40 qts</b>	<b>3/31/48</b>	<b>2375-2355</b>	<b>2469</b>

Results of shooting or chemical treatment **Nil**

## RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto.

## TOOLS USED

Rotary tools were used from feet to feet, and from feet to feet  
Cable tools were used from **0** feet to **2510** feet, and from feet to feet

## PRODUCTION

Put to producing **April 16** 19 **48**  
**Production test April 22, 1948 was 14.50 bbls**  
The production of the first 24 hours was ~~xxxx~~ of fluid of which **99.7** % was oil; **0** %  
emulsion; **1/10** of **1** % water; and **2/10** of **1** % sediment. Gravity, Be. **41 A.P.I.**  
If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas  
Rock pressure, lbs. per sq. in. **Gas/oil ratio 836**

## EMPLOYEES

**Carper Drilling Company** Driller **L. H. Tennant** Driller  
**Pat Cales** Driller **C. V. Hammond** Driller

## FORMATION RECORD ON OTHER SIDE

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

Subscribed and sworn to before me this **19th** **Artesia, New Mexico** **4/19/48**  
day of **April**, 19**48** Name **J. H. Ellis** Date  
Position **Superintendent**

## FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	15	15	Surface Sand
15	805	790	Red Beds
805	945	140	Anhydrite
945	987	42	Red Rock
987	1995	1008	Salt
1995	2358	363	Anhydrite
2358	2375	17	Yates Sand
2375	2462	87	Anhydrite
2462	2469	7	Small show gas
2469	2510	41	Anhydrite

Plugged back with cement from 2510 to 2469' to shut off small show of water.